

Model: LC2A (air hoist)



## Ingersoll-Rand Air Chain Hoist

- Kolos is main supplier of Ingersoll-Rand material handling equipment in Norway.
- For use in industrial application, oil & gas drill rigs, FPSO- and FLNG vessels and mining operation.
- Meets all requirements for high duty-cycle, harsh environment operation and are strongly reliability.
- Configurable options and among of accessories to meets customer requirements / desired rules.
- CE-certified models ensure highly safety for use. ATEX certification with numerous options for spark resistant.
- Documentation available in our client database.



## GENERAL

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Type and model      | Air chain hoist // LC2A (configurable)                                                                           |
| Design and capacity | Trolley, clevis or hook mounted // 1 – 100 ton                                                                   |
| Operation           | Pendant (remote hose) or radio remote (also available for zone)                                                  |
| Marked              | Industrial application, oil & gas drill rigs, FPSO- and FLNG vessels and mining operation                        |
| Atex zone area      | Available as zone 1 and 2                                                                                        |
| Available with      | Low temp design, material traceability, marine or offshore paint, spark resistance and witness test (DNV or ABS) |
| Chain               | Calibrated grade 80 load chain                                                                                   |

## MISC. EQUIPMENT



*Trolley with or without rack and pinion*



*Chain container with integrated filter and lubricator*



*Airline accessories (filter, regulator and lubricator)*



*ATEX Zone 1 package*



*Clevis & Shackle attachment*



*Varius documentation requirements.*

*Ask us!*



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## DATA AND PERFORMANCE

| Model     | Lifting capacity | Reeves of chain | Hoist weight w/ 3 m of lift | Weight chain* | Required Air flow | Lifting speed*  | Lowering speed | Minimum headroom |
|-----------|------------------|-----------------|-----------------------------|---------------|-------------------|-----------------|----------------|------------------|
| LC2A015SI | 1,5 t            | 1               | 38 kg                       | 1,5 kg        | 4 m3/min          | 6,2 / 11 m/min  | 8,5 m/min      | 409 mm           |
| LC2A030DI | 3 t              | 2               | 48 kg                       | 3 kg          | 4 m3/min          | 3 / 5,5 m/min   | 4              | 549 mm           |
| LC2A040SI | 4 t              | 1               | 90 kg                       | 3,8 kg        | 4,5 m3/min        | 3,9 / 7 m/min   | 4,5 m/min      | 580 mm           |
| LC2A060QI | 6 t              | 4               | 74 kg                       | 6 kg          | 4 m3/min          | 1,5 / 2,5 m/min | 2 m/min        | 653 mm           |
| LC2A060SI | 6 t              | 1               | 125 kg                      | 5,7 kg        | 5,2 m3/min        | 2,2 / 3,6 m/min | 2,7 m/min      | 717 mm           |
| LC2A080DI | 8 t              | 2               | 118 kg                      | 7,6 kg        | 4,4 m3/min        | 1,8 / 3,5 m/min | 2,2 m/min      | 807 mm           |
| LC2A120DI | 12 t             | 2               | 170 kg                      | 11,4 kg       | 5 m3/min          | 1,1 / 1,8 m/min | 1,3 m/min      | 945 mm           |
| LC2A125SI | 12,5 t           | 1               | 395 kg                      | 10,7 kg       | 10 m3/min         | 3,2 / 6 m/min   | 5 m/min        | 865 mm           |
| LC2A180TI | 18 t             | 3               | 277 kg                      | 17,1 kg       | 5 m3/min          | 0,7 / 1,2 m/min | 0,9 m/min      | 1063 mm          |
| LC2A250QI | 25 t             | 4               | 324 kg                      | 23 kg         | 5 m3/min          | 0,5 / 0,9 m/min | 0,6 m/min      | 1156 mm          |
| LC2A250DI | 25 t             | 2               | 558 kg                      | 21,4 kg       | 10 m3/min         | 1,6 / 3 m/min   | 2,5 m/min      | 1235 mm          |
| LC2A375TI | 37,5 t           | 3               | 855 kg                      | 32,1 kg       | 10 m3/min         | 1,1 / 2 m/min   | 2 m/min        | 1484 mm          |
| LC2A500QI | 50 t             | 4               | 965 kg                      | 42,8 kg       | 10 m3/min         | 0,8 / 1,5 m/min | 1,5 m/min      | 1590 mm          |
| LCA750TI  | 75 t             | 3               | 1700 kg                     | 73,5 kg       | 10 m3/min         | 0,4 / 0,7 m/min | 0,7 m/min      | 2338 mm          |
| LCA1000QI | 100 t            | 4               | 2200 kg                     | 98 kg         | 10 m3/min         | 0,3 / 0,5 m/min | 0,5 m/min      | 2455 mm          |

\* All data is based on working pressure 6,3 bar / 90 PSI. Performance test conducted per European Standard EN 14492-2.

\* Lifting speed are given with full load and no load. Full load is present first. Weight chain is per additional meter of lift.



### Authorized Service Center

- Kolos has decades of expertise as an authorized workshop for Ingersoll-Rand lifting equipment.
- Kolos focuses on quality, safety and cost savings for you as customer. We use trained technician and have dedicated workstations.
- As distributor, Kolos has among of service kits at stock to ensure reduced service time.
- Test facilities for dynamic testing to ensure all functions to be checked safely.
- Checklist, reports and documentation available in our client database.



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